

Title (en)
POLYPEPTIDES BINDING TO HUMAN SYNTAXIN 1A

Title (de)
AN MENSCHLICHES SYNTAXIN 1a BINDENDE POLYPEPTIDE

Title (fr)
POLYPEPTIDES SE LIANT A LA SYNTAXINE 1A HUMAINE

Publication
EP 1489178 A1 20041222 (EN)

Application
EP 03710429 A 20030319

Priority
• JP 0303308 W 20030319
• JP 2002075551 A 20020319

Abstract (en)
There is provided a polypeptide that binds to syntaxin-1a and comprises the amino acid sequence shown in SEQ ID NO: 1 in the Sequence Listing, or a polypeptide having a homology of at least approximately 90% to the amino acid sequence that binds to syntaxin-1a, a partial peptide thereof, and a polynucleotide encoding any of these polypeptides or the complementary strand thereof, as well as an inhibitor, an antagonist, and an activator of physiological activity of any of the polypeptides. Further, a pharmaceutical composition that utilizes these is provided. There is also provided a method for producing the polypeptides or the peptide by genetic engineering techniques, a method for identifying the inhibitor, antagonist, or activator, and a method and a kit for diagnosing a disease with which the polypeptides are associated.

IPC 1-7
C12N 15/12; C12N 15/63; C12N 1/19; C12N 1/21; C12N 5/10; C07K 14/47; C07K 16/18; C12P 21/02; C12Q 1/02; C12Q 1/68; A61K 35/76; A61K 38/00; A61K 39/395; A61K 45/00; A61K 48/00; A61P 25/00; G01N 33/15; G01N 33/50; G01N 33/53; G01N 33/566

IPC 8 full level
A61P 25/00 (2006.01); **C07K 14/47** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 15/12** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP US)
A61P 25/00 (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07K 14/47** (2013.01 - EP US); **G01N 33/566** (2013.01 - EP US)

Cited by
KR20210043789A

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